

SHVETS, V.I.; DOROFEEVA, L.T.; GRIG-GRIPIMAYLO, N.A.; SEMIDT, I.S.;
VOLKOVA, L.V.; PRUDBRAZHENSKII, N.A.

Complex lipids. Synthesis of lecithotatory and dawin-lecithotatory
Alpha-phosphatidylcholines (lecithins) with equal and different
acid residues. Zhur. ob. khim. 34 no.12e (1958) 2996 p. 1

(MIRA 1851)

I. Moskovskiy institut vysokoy khimicheskoy tekhnologii imeni
M.V. Lomonosova.

L 28877-66

ACC NR: AP6018837

SOURCE CODE: UR/0079/65/035/003/0550/0554

AUTHOR: Volkova, L. V.; Shvets, V. I.; Dorofeyeva, L. T.; Lobanova, S. I.; Konstantinova, N. V.; Preobrazhenskiy, N. A.

35
B

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy tekhnologii)

TITLE: Investigations in the field of complex lipids. Synthesis of L- and DL-alpha-phosphatidyl-N,N-(dimethyl)ethanolamines (L- and DL-alpha-N,N-dimethylcephalins)

SOURCE: Zhurnal obshchey khimii, v. 35, no. 3, 1965, 550-554

TOPIC TAGS: IR spectrum, organic synthetic process, organic phosphorus compound

ABSTRACT: L-(+)-and DL-alpha-palmitoyl-beta-oleoyl-alpha'-glycerophosphoryl-N,N-(dimethyl)ethanolamines and DL-alpha,beta-disstearyl- and dipalmitoyl-alpha'-glycerylphosphoryl-N,N-(dimethyl)ethanolamines were synthesized according to the scheme developed earlier by the authors and associates for lecithins, cephalins, and phosphatidyl serines. During the synthesis, D-(+)- and DL-alpha-palmitoyl-alpha'-benzylglycerines, D-(+)- and DL-alpha-palmitoyl-beta-oleoyl-alpha'-benzylglycerines, D-(+)- and DL-alpha-palmitoyl-beta-9,10-dibromostearoyl-alpha'-benzylglycerines, D-(+)- and DL-alpha palmitoyl-beta-9,10-dibromostearylglycerines, and D-(-)- and DL-alpha-palmitoyl-beta-oleoylglycerines were produced

UDC: 547.426:547.915

L 28877-66

ACC NR: AP6018837

and characterized. The infrared spectra of the N,N-dimethylcephalines obtained exhibited the band characteristic of glycerin phosphatides, with pronounced frequencies for the covalent POC group ($960-980 \text{ cm}^{-1}$), the C=O group in esters ($1725-1745 \text{ cm}^{-1}$), and the CH, CH₂, and CH₃ groups in acid radicals ($720-740$, $1250-1260$, $1450-1460$, $2850-2950 \text{ cm}^{-1}$). Orig. art. has: 1 formula. [JPRS] O

SUB CODE: 07 / SUBM DATE: 20Jan64 / ORIG REF: 003 / OTH REF: 006

Card 2/2 CV

L 34012-66 EWT(m)/EWP(j) RM
ACC NR: AP6025528

SOURCE CODE: UR/0079/66/036/001/0049/0054

2
46

B

AUTHOR: Shvets, V. I.; Volkova, L. V.; Miroshnikov, A. I.; Morozova, S. F.;

Orinova, V. G.; Polyanskaya, V. A.; Froobrazhonskiy, N. A.

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy tekhnologii)

TITLE: Investigations in the field of complex lipids. Synthesis of phosphatidylserines with residues of unsaturated acids

SOURCE: Zhurnal obshchey khimii, v. 36, no. 1, 1966, 49-54

TOPIC TAGS: chemical synthesis, oleic acid, phosphorus compound, IR spectrum

ABSTRACT: The synthesis of highly unsaturated alpha-phosphatidylserines with oleic and linoleic acid residues is described. Starting materials were alpha,beta-diglycerides and the ter-butyl ester of N-phthaloylserine, produced by two methods: from the methyl acrylate and from serine, with the hydroxyl group protected with an acetyl group. Alpha(alpha'-linoleoyl-beta-oleoyl)- and alpha'-(alpha',beta-dilinoleoyl) glycerylphosphorylserines were synthesized. Alpha-(alpha'-linoleoyl-beta-oleoyl)- and alpha'-(alpha',beta-dilinoleoyl) glycerylphosphoryl-N-phthaloylserines were synthesized from alpha,beta-diglycerides and the ter-butyl ester of N-phthaloylserine. The tert-butyl ester of alpha-bromo-beta-benzylxy-propionic acid,

Card 1/2

UDC: 547.915.4+547.392.4

0916 1714

L 34012-66
ACC NR: AF6025528

O-benzyl-N-phthaloylserine, the ter-butyl ester of O-benzyl-N-phthaloylserine, O-acetyl-N-phthaloylserine, and the ter-butyl ester of O-acetyl-N-phthaloylserine were produced and characterized. The structures of the alpha-phosphatidylserines were confirmed by their infrared spectra. Orig. art. has: 1 figure. [JPRS: 35.998]

SUB CODE: 77, 20 / SUBD DATE: 05Sep64 / ORIG REF: 004 / OTH REF: 007

Cord 2/2

SALOMKHALOV, G. I., MIRPOL'SKAYA, N. A., VARILOVA, L. I., PREOBRAZHENSKAYA, E. A.

Geraniol

Complete synthesis of pseudoe-ionene, ionenes, geraniol, and nerol. Dokl. Akad. Nauk, Pt. No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952, UNCL.

TERENT'YEV, A.P.; GE BAN-LUN¹ [Ko Pang-lun]; PREOBRAZHENSKAYA, M.N.

Introduction of substituents into the benzene ring of indole. Part 7:
Sulfamides of the indole and indoline series. Zhur. ob. khim. 32
no.1:177-181 Ja '62. (MIRA 15:2)
(Indole) (Sulfamide) (Indoline)

PREOBRAZHENSKAYA, M.Ye.; KUZNETSOVA, V.M.; ROZENFEL'D, Ye.L.

Studies on the activity of yeast glucans in relation to the
properdin system. Vop. med. khim. 7 no.2:158-163 Mr-Ap '61.
(MIRA 14:6)

1. Central Institute of Hematology and Blood Transfusion of the
U.S.S.R. Ministry of Public Health and Institute of Biological and
Medical Chemistry, Academy of Medical Sciences of the U.S.S.R.,
Moscow.

(GLUCAN)

(PROPERDIN)

(YEAST DRIED)

PREOBRAZHENSKAYA, N.A.

Experimental investigations of vibration driving of piles and sheet
piling. Trudy NII osn.i fund. no.27:48-57 '55. (MLRA 9:5)
(Piling (Civil engineering))

PREOBRAZHENSKAYA, N.N.

Ecologic series of the vegetation in the Western Ukraine and their
association with soil conditions. Biul. MOIP. Otd.geol. 37 no.4:
149-150 Jl-Ag '62. (MIRA 16:5)
(Ukraine, Western—Botany—Ecology)

PARGALI, A.M.; YEVSTIGNEYEVA, R.P.; PREOBRAZHENSKIY, N.A.

Synthesis of 2,2'-(3,3'-bis (β -diethylaminoethyl)-4,4'-dimethyl)dipyrromethane. Zhur. ob. khim. 34 no. 3:898-901
Mr '64. (MIRA 17:6)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
M.V.Lomonosova.

LUBMAN, A.M.; BURAS, T.M.; BUT, A.S.; PREOBRAZHENSKAYA, N.A.; KOVALEVA,
T.G.; UVAROVA, V.G.

Investigation in the field of alkyd resins. Report No. 5:
Synthesis of alkyd resins in the medium of solvents. Lakokras.
mat. i ikh prim. no.6:9-17 '61. (MIRA 15:3)
(Gums and resins)

PREOBRAZHENSKAYA, N.A.; SAVCHENKO, I.A.

Effect of vibration on shear resistance of clayey soils. [Trudy]
(MIRA 12:2)
NIIOSP no.32:89-92 '58.
(Soils--Testing) (Vibration) (Clay)

PREOBRAZHENSKAYA, N.A.

Extraction of sheet piles from cellular cofferdams at the construction site of the Gorkiy Hydroelectric Power Station by the use of vibration. [Trudy] NIIOSP no.32:104-108 '58.
(MIRA 12:2)
(Gorkiy Hydroelectric Power Station--Sheet piling) (Vibrators)

ACC NR: AP6033177

SOURCE CODE: UR/0079/66/036/010/1767/1772

AUTHOR: Tolkachev, O. N.; Chernova, V. P.; Bao Fan-lin'; Kuznetsova, E. V.; Proobrazhenskiy, N. A.

ORG: Moscow Institute of Chemical Technology imeni M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy tekhnologii)

TITLE: Synthetic studies in the area of curare alkaloids. Part 16: Synthesis of 1-(3'-bromo-4'-methoxybenzyl)-6,7-dimethoxy-8-bromo-N-methyl-1,2,3,4-tetrahydroisoquinoline

SOURCE: Zhurnal obshchey khimii, v. 36, no. 10, 1966, 1767-1772

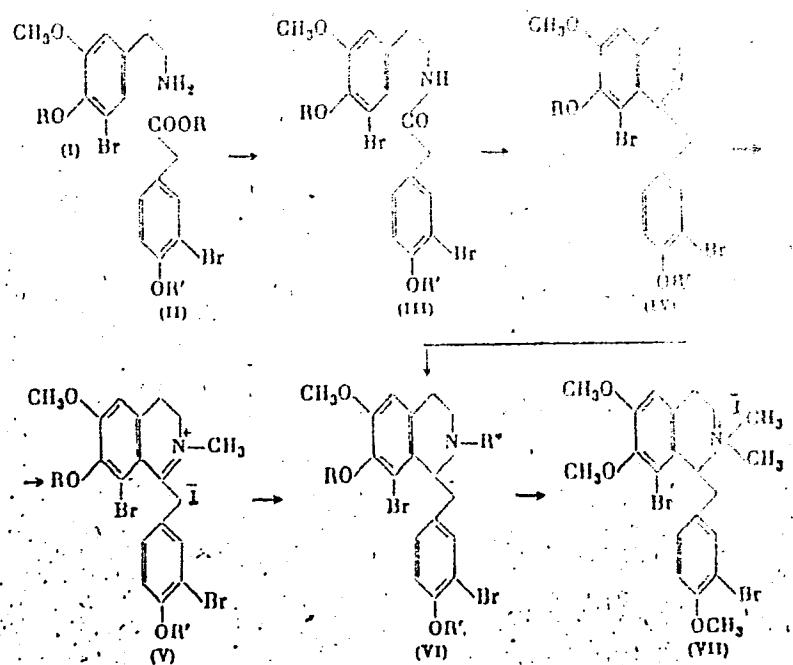
TOPIC TAGS: alkaloid, isoquinoline, chemical synthesis

ABSTRACT: 3',8-Dibromo-N-methylcoclaurine (VI, R = R' = H, R" = CH₃) is an intermediate in the synthesis of the alkaloid tubocurarine. Dimethyl derivatives of this compound (VI, R = R' = R" = CH₃) were synthesized as follows:

Card 1/3

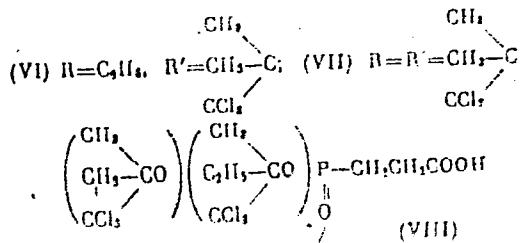
UDC: 547.944.2

ACC NR: AP6033177

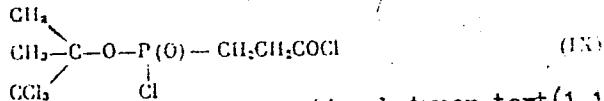


Card 2/3

ACC NR: AP6032903



The compound



was isolated from the products of the reaction between tert(1,1,1-trichloro)butyl-phosphorous acid dichloride and acrylic acid. Orig. art. has: 1 figure.

SUB CODE: 07/ SUBM DATE: 15Apr66/ ORIG REF: 011/ OTH REF: 004

Card 3/3

GORCHAKOVSKAYA, N.N., PREOBRAZHENSKAYA, N.K.

Reaction of Ixodes persulcatus and of other ticks to DDT dusting
of litter in foci of tick-borne encephalitis [with summary in English]
Vop.virus. 3 no.5:265-271 S-0 '58 (MIRA 11:10)

1. Laboratoriya entsefalitov Instituta virusologii imeni D.I. Ivanovskogo
AMN SSSR, Moskva.

(ENCEPHALITIS, EPIDEMIC, prevention & control,
tick-borne, DDT, dusting of underbrush (Rus))

(DDT,
dusting of underbrush in epidem. encephalitis
endemic areas (Rus))

(TICKS,
eradication by DDT dusting of underbrush in endemic
areas of epidem. encephalitis (Rus))

GORCHAKOVSKAYA, N.N.; PREOBRAZHENSKAYA, N.K.; DOBRYNINA, L.I.

Duration of the destructive effect on ticks in areas subjected
to a single treatment with acaricides. Zool.zhur. 38 no.9:
1353-1360 S '59. (MIRA 13:1)

1. Laboratoriya entsefalistov Instituta virusologii Akademii
meditsinskikh nauk SSSR (Moskva) i Gorodskaya sanitarno-epide-
miologicheskaya stantsiya (Stalinsk).
(Ticks) (DDT (Insecticide))

GORCHAKOVSKAYA, N.N.; PREOBRAZHENSKAYA, N.K.; DOBRYNINA, L.I.

Studies on the Ixodes persulcatus P. Sch. population during years
following the spraying forests with acaricides. "Zhur. mikrobiol. epid.
i imunogr." 29 no.8:61-69 Ag '58. (MIEA 11:10)

1. Iz Instituta virusologii imeni Ivanovskogo AMN SSSR i Sanitarno-
epidemiologicheskoy stantsii Stalinska.

(TICKS,
Ixodes persulcatus, eradication in Russia (Rus))

PRIMOBRAZHENSKAYA, N. K. and GORCHAKOVSKAYA, N. N.

"The Results of Improving Health Conditions in Summer Vacation Localities for City Dwellers," an article presented at the Intercblast' Scientific-Practical Conference of Medical Workers of the Urals, Siberia, and the Far East, Krasnoyarsk, 8-12 Dec 55.

Sum. No. 1047, 31 Aug 56

PREOBRAZHENSKAYA, N.K.; PREOBRAZHENSKIY, A.A.

Laboratory results in growing certain species of gamasid ticks
which are ectoparasites of rodents. Zool.zhur. 34 no.2:300-303
(MLRA 8:6)
Mr-Ap '55.
(Parasites--Rodentia) (Ticks)

TERENT'YEV, A.P.; GRACHEVA, R.A.; PREOBRAZHENSKAYA, N.N.; VOLKOVA, L.M.

Synthesis of furan analogs of tobacco alkaloids based on chalcones.
Zhur. ob. khim. 33 no.12:4006-4011 D '63. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PREOBRAZHENSAYA, N.N.

Some characteristics of the methods of geobotanical indicator
studies in the forest zone. Trudy MOIP 8:123-129 '64.
(MIRA 17:12)

PREOBRAZHENSKAYA, N.N.; SOKOLOVA, N.I.; SHABAROVA, Z.I.; PROKOF'YEV, M.A.

Synthesis and properties of methyl ester of polyuridylyl-(5'→N)-phenylalanine. Khim. prirod. soed. no.5:342-347 '65.
(MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Submitted May 25, 1965.

VOSTOKOVA, Ye.A.; SHAVYRINA, I.V.; PEGOROVICH-MSELYA, N.N.; TACHIM VA, I.M.

Compiling reference books on indicator plants. Trudy M.R. 2:
232-235 '64. (MIRA 17:12.)

PREOBRAZHENSKAYA, N.N.

Possible use of the geobotanical method in mapping Quaternary
deposits. Trudy MOIP 8:236-240 '64.
(MIRA 17:12)

VOSTOKOVA, Ye.A.; TAGUNOVA, L.N.; VEREYSKIY, N.G.; PREOBRAZHENSKAYA,
N.N.; MOSKALENKO, N.G.; RACHINSKAYA, N.N.; TURMANINA, V.I.;
SHITOV, V.D.; ORLOVA, V.P., red.; PEVZNER, V.I., tekhn.red.;
OKOLELOVA, Z.P., tekhn.red.

[Handbook and guide to the lithological composition of surf-
ical sediments and the depth of occurrence of underground
waters] Spravochnik-opredelitel' litologicheskogo sostava
poverkhnostnykh otlozhenii i glubiny zaleganiia podzemnykh
vod. Pod red. N.G.Vereiskogo i E.A.Vostokovoi. Moskva,
Sel'khozizdat, 1963. 259 p. (MIRA 17:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrogeologii i inzhenernoy geologii. 2. Vsesoyuznyy nauchno-
issledovatel'skiy institut gidrogeologii i inzhenernoy geo-
logii (for all except Orlova, Pevzner, Okolelova).

PREOBRAZHENSKAYA, N.N.

Some data on the extrapolation of geological schemes. Biul.
MOTP. Otd. geol. 39 no. 5:151-152 S.-O '64.

(MIRA 18:2)

PREOBRAZHENSKA, N. N.

"Review of L. I. Chulitskaya's 'Pre-School Age Hygiene'," GIZ. i SSSR., No. 6, 1949.

PREOBRAZHENSKAYA, N.N.

Problems of school hygiene discussed at the Pirogov conferences.
Trudy ISGMI 14:220-227 '53. (MLRA 7:9)
(School hygiene--History)

PRIM. MED. I. N. N. N.

PREDLOMENOVSKA, I. M.- "History of the Medical-Sanitary Work among the Primary Schools in Russia During the Period of Development of Capitalism (1860-1917)." Min. of Public Health LFOM, Lenin and Sanitary-Hygienic Med. Inst., Leningrad, 1955 (Dissertations for Doctor of Candidate of Medical Sciences)

SO: Khizhnya Lektsii No. 26, July 1955, Moscow

GLAUER, G.A., assistent; LEBEDEVA, N.T., dotsent; NIKOLAEV, A.M.,
assistant; PEOBRAZHENSKAYA, N.N.; assistant; RODINA, A.P.,
assistant; RUDAL'TSEVA, N.N.; assistant; FIGLIN, L.I., dotsent;
KHRAMTSOVA, A.D., assistant

"Handbook for school physicians" by M.D. Bol'shakova and others.
Reviewed by G.A. Glauer and others. Gig. i san. 25 no. 5:117-120
My '60. (MIRA 13:10)
(SCHOOL HYGIENE) (BOL'SHAKOVA, M.D.)

GUTKIN, A.Ya., prof.; GLAUSER, G.A.; NIKOLAYEV, A.N.; PREOBRAZHENSKAYA, N.N.;
RODINA, A.P.

Physical growth of school children in Kirovsk (Arctic region).
Gig.i san. 25 no.8:23-27 Ag '60. (MIRA 13:11)

1. Iz kafedry gigiyeny detey i podrostkov Leningradskogo sanitarno-gigienicheskogo meditsinskogo instituta.
(COLD-PHYSIOLOGICAL EFFECT)
(KIROVSK-CHILDREN-GROWTH)

PREOBRAZHENSKAYA, N.S.

113-58-5-1/22

AUTHOR: Preobrazhenskaya, N.S., Candidate of Economic Sciences

TITLE: The Determination of the Economic Effectiveness of Scientific Research Work (Opredeleniye ekonomiceskoy effektivnosti nauchno-issledovatel'skikh rabot)

PERIODICAL: Avtomobil'naya Promyshlennost', 1958, Nr 5, pp 1-3 (USSR)

ABSTRACT: NIITAvtoprom is developing methods to determine the economic effectiveness of scientific research works executed by branch institutes and plants to increase labor productivity and lower costs of production. The net cost of production is the most common determinant indicating the general outlay of labor and expenses for a given unit of production. In the motor-car industry, capital invested in the production of a new model must be recouped in 5 years, taking into consideration that each type is produced for that period before being remodelled and modernized. All scientific research work could be divided into two groups: 1) works to lower the net cost; 2) works that indirectly cause the reduction of expenses during fabrication or exploitation of machines. The NAMI and NII of automobile transport are developing methods to determine the effectiveness of

Card 1/2

113-58-5-1/22

The Determination of the Economic

new or modernized car construction and to separate details of exploitation. The author stresses the extreme complexity of the task of developing a method to determine economic effectiveness in the automobile industry. There are 3 tables and 1 Soviet reference.

ASSOCIATION: NIITAvtoprom

AVAILABLE: Library of Congress

Card 2/2 1. Scientific research-Economic aspects 2. Industrial production-USSR

SOV/113-58-12-2/17

AUTHORS: Chevolev, A.G., Candidate of Economic Sciences, and Prez...
obrazhenskaya, N.S.

TITLE: Problems of the Economy of the Automobile Industry (Voprosy ekonomiki avtomobil'noy promyshlennosti)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 12, pp 1-5 (USSR)

ABSTRACT: In the next 7 years, 700 complex automatic lines will be put into operation in the Soviet automobile industry. Since 1940 productivity has increased nearly 3 times (Table 1). In the Moskovskiy avtozavod imeni Likhacheva (Moscow Automobile Plant imeni Likhachev) 0.51 m of conveyers are operating per worker, whereas in the British firm Austin 2.3 m per worker are in use. The prime cost of Soviet motorcar production has been reduced in the last years; but there are still large reserves, as shown in Table 2. The percentage of the various materials in the prime cost of two automobile types is given in Table 4. The ratio between the weight of the truck and its carrying capacity is still behind that of foreign trucks. In Mercedes Benz 321/36 it is 0.62 (Table 5), in the Soviet truck GAZ-51A it is 1.0, but improvements are being made. The use of waste products can be improved

Card 1/2

Problems of the Economy of the Automobile Industry SOV/113-58-12-2/17

considerably, e.g. the use of metal chips by briquetting (Table 6). The expenditure for tools has been reduced in the last years which lowered also the prime cost (Table 7). There are 7 tables.

ASSOCIATION: NIITAvtoprom

Card 2/2

PREOBRAZHENSKAYA, N.S.

Indicators of labor productivity in the automobile industry. Avt.prom.
no.9:5-8 S '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy
promyshlennosti.
(Automobile industry) (Productivity accounting)

PREOBRAZHENSKAYA, N.S.

Determining the degree of mechanization and automation of production processes. Avt.prom. 27 no.12:1-5 D '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti.

(Factory management) (Automation)

PREOBRAZHENSKAYA, N.S.

Development of the pregeniculate nucleus in man and its functional
significance. Zhur. nevr. i psikh. 63 no.9:1368-1375 '63.
(MIRA 17:8)

1. Institut mozga AMN SSSR, Moskva.

PREOBRAZHENSKAYA, N.S.; STANKEVICH, I.A.

Review of M.B. TSuker's book "Fundamentals of pediatric
neuropathology." Zhur. nevр. i. psikh. 63 no.6:942-944 '63.
(MIRA 17:6)

PREOBRAZHENSAYA, N.S.

Preobrazhenskaya, N.S. "The post-natal development of the occipital lobe of the human brain", Trudy In-ta mozga (Gos. in-t mozga M-va zdravookhraneniya SSSR), Issue 6, 1946, p. 44-75, Tables VI-IX of an atlas (inserts).

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

PRACERAZHENIISKAYA, I. S.

33450. Voprosy Nefrologii Kory Tonga V Svetle Uchenija I. P. Pavlova. Voprosy
Neyrokhirurgii, 1949, No. 5, c. 20-27.

SC., Leto is' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

PREOBRAZHENSKAYA, N. S.

Jan/Feb 48

USSR/Medicine - Scientific Ideology
Brain Studies

"Conference of the Council of the Brain Institute," L. A. Kukuyev, N. S. Preobrazhenskaya,
6 pp

"Nevropatol I Psikiyat" Vol XVIII, No 1

Three sessions in Sep and Oct 48 were devoted to a report by Acad T. D. Lysenko, "On the
State of Biological Science," stating basis of Michurin-Lysenko doctrines and need to
destroy bourgeois ideas. Professors V. S. Rusinov, S. M. Blinkov, G. I. Polyakov, and
others including the chairman, Prof S. A. Sarkisov, Active Mem, Acad Sci USSR, made
reports on the same theme.

PA 149T73

PREOBRAZHENSKAYA, N. S.

Disorders of the relationship between the first and the second
signal systems in injuries of the cerebral end of the visual
analyser. Zh. nevropat. psichiat., Moskva 52 no.4:21-26 Apr. 1952.
(CLML 22:2)

1. Of the Institute of the Brain, Ministry of Public Health USSR
(Director -- S. A. Sarkisov, Active Member of the Academy of Medi-
cal Sciences USSR).

PREOBRAZHENSKAYA, N. S.

1658. Narushenie I Vosstanovlenie Zritel'nykh Funktsiy Pri Ognestrel'nykh
Povrezhdeniyakh Zatylochnykh Dolej Mozga. M., 1954. 16s. 20sm. (Akad. Nauk SSSR)
110 EKZ. B. T3.-(54-53694)

SO: Knizhnaya Letopis', Vol. 1, 1955

PREOBRAZHENSKAYA, N.S.; RABINOVICH, M.Ya.

"Psychiatry, neurology and medical psychology, nos.1-12, 1953."
(Journal published in the German Democratic Republic). Reviewed
by N.S.Preobrazhenskaia, M.IA.Rabinovich. Zhur. nevr. i psikh.
54 no.7:593-598 Jl '54. (MLRA 7:7)
(GERMANY, EASTERN--PSYCHIATRY--PERIODICALS)
(PERIODICALS--PSYCHIATRY--GERMANY, EASTERN)

PREOBRAZHENSKAYA, Nataliya Sergeyevna

(Sci Res Inst of the Brain of Ministry of Health USSR)
Academic degree of Doctor of Medical Sciences, based on her
defense, 28 January 1955, in the Council of the Department
of Clinical Medicine, Acad of Med Sci USSR, of her dis-
sertation entitled: "Disruption and reestablishment of
visual functions in the case of bullet wounds of the occipital
lobes of the brain."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 222, 12 Nov 55, Byulleten' MV
SSSR, No. 19, Oct 56, Moscow, op. 13-24, Uncl. JPRS/NY-536

Preobrazhenie, 1955.

SARKISOV, Semen Aleksandrovich; FILIMONOVA, I.N., redaktor; KONONOVA, Ye.P.,
redaktor; PROBRAZHENSKAYA, N.S., redaktor; KUKUYEVA, L.A., redaktor;
ZAMBRZHITSKIY, T.A., redaktor; GABERLAND, M.I., tekhnicheskiy
redaktor.

[Atlas of the cyto-architectonics of the human cerebral cortex]
Atlas tsitoarkhitektoniki kory bol'shogo mozga cheloveka. Pod
red. S.A.Sarkisova, i dr. Moskva, Gos.izd-vo meditsinskoi lit-ry,
1955. 276 p.---- Supplement, 203 plates. (MLRA 9:1)

1. Akademiya meditsinskikh nauk SSSR. Institut mozga.
(CEREBRAL CORTEX)

PREOBRAZHENSEYAYA, N.S.

Some aspects of the problem of localization of function [with summary
in French]. Zhir. nevr. i psich. 57 no.6:706-711 '57. (MIR 10:10)

1. Institut myaga (dir. - prof. S.v. Sarkisov) AMN SSSR, Moskva.
(Cerebral CORTEX, physiology,
funct. localization (Rus))

PREOBRAZHINSKAYA, N.S.

Disorders in certain parts of the visual function caused by traumas
of the occipital lobes and their restoration. Probl.fiziol.opt.
(MIRA 11:6)
122464-474 '58

1. Laboratoriya tsitoarkhitektoniki Instituta mozgu AMN SSSR.
(BRAIN--WOUNDS AND INJURIES)
(EYE--DISEASES AND DEFECTS)

PREOBRAZHENSKAYA N.S.
EXCERPTA MEDICA Sec 8 Vol 12/10 Neurology Oct 59

4851. DISPUTABLE QUESTIONS OF THE CLASSIFICATION OF FORMATIONS
OF THE NEOCORTEX (Russian text) - Preobrajenskaya N.S. -
ZH.NEVROPAT. I PSIKHIAT. 1958, 58/8 (953-958)

- Critical review of some views on the classification of cortical fields. The author described the main features of areas, subareas, local modifications and transitory structures, which she considers as having been produced by evolutionary and functional differences.

Černáček - Bratislava

PREC BRAZHENSKAYA, N.S.; RABINOVICH, M.Ya.

Conference on problems in the structure and function of the reticular
formation of the brain within the analyisor system. Zhur. nevr. i psich.
58 no.12:1512-1516 '58. (MIRA 12:1)
(BRAIN)

PREOBRAZHENSKAYA, N.S.

Age characteristics of human cortical structure and their functional significance [with summary in English]. Zhur.vys.nerv.deiat. 9 no.1:
135-142 Ja-F '59.
(MIRA 12:3)

1. Institute of Brain, U.S.S.R. Academy of Medical Sciences, Moscow.
(CEREBRAL CORTEX, anat. & histol.
age factor in develop., funct. aspects (Rus))
(AGING,
of cerebral cortex, funct. aspects (Rus))

PREOBRAZHENSKAYA, N.S.; GLEZER, I.I.

"Quantitative studies of the visual cortex; individual variations in width in man and some comments on schizophrenia; development of the visual cortex in man; comparison of sizes in some mammals" [in German]
by H. Haug. Reviewed by N.S. Preobrazhenskaia, I.I. Glezer. Zhur.
nevр. i psikh. 59 no.9:1141-1144 '59. (MIRA 12:11)
(CEREBRAL CORTEX) (SCHIZOPHRENIA) (HAUG, H.)

POPOVA, E.N., kand.biologicheskikh nauk; PREOBRAZHENSKAYA, N.S., doktor
med.nauk; STANKEVICH, I.A., doktor med.nauk

Results of a conference on the "Structure and function of the
human analyzer in ontogeny." Vest. AMN SSSR 15 no.6:85-90 '60.
(MIRA 14:4)

(BRAIN--LOCALIZATION OF FUNCTIONS)

SARKISOV, S.A., red.; KUKUYEV, L.A., red.; POLYAKOV, G.I., red.;
PREOBRAZHENSKAYA, N.S., red.; STANKEVICH, I.A., red.;
TROFIMOV, L.G., red.; ARKHANGEL'SKIY, Yu.V., red.; LYUDKOVSKAYA,
N.I., tekhn. red.

[Structure and function of the analysors of man in ontogenesis]
Struktura i funktsiya analizatorov cheloveka v ontogeneze; tru-
dy. Pod obshchei red. S.A.Sarkisova. Moskva, Medgiz, 1961.
(MIRA 15:12)
296 p.

1. Rasshirennaya nauchnaya konferentsiya instituta mozga, 1959.
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Sarkisov).
3. Institut mozga Akademii medtisinskikh nauk SSSR, Moskva (for Polyakov, Kukuyev).
(SENSE-ORGANS) (ONTOGEMY)

SARKISOV, S.A.; PLEOBRASZHENSKAYA, N.S.

Individual variability of structural characteristics of the human
cerebral cortex. Zhur. vys. nerv.deiat. 11 no.5:806-813 S-0 '61.
(MIRA 15:1)

1. Brain Institute, U.S.S.R. Academy of Medical Sciences, Moscow.
(CEREBRAL CORTEX)

SOV/180-59-2-9/3¹⁴

AUTHORS: Minkina, Ye.A., Preobrazhenskaya, N.V., and Rozenberg, V.M.
(Moscow)

TITLE: Study of the Deformation of Nickel During Creep
(Izuchenie deformatsii nikelya pri polzuchestii)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye tekhnicheskikh
nauk, Metallurgiya i toplivo, 1959, Nr 2, pp 48-55 (USSR)

ABSTRACT: V.M. Rozenberg and L.V. Gradova (Ref 1) and
V.M. Rozenberg (Ref 2) have previously shown that the
effects found to occur in metals and alloys during creep
are applicable to the particular case of nickel. In the
present work the deformation of grains and that due to
the relative displacement of grains were investigated. The
nickel used contained 0.02% C, 0.04% Mn, 0.006% S,
0.006% P, 0.08% Ti, 0.23% Fe and traces of Al and Co.
Qualitative estimates of deformation were made by the
method of McLean (Refs 3,4). Extension of flat test
pieces with surfaces prepared for observation was carried
out in a vacuum installation (10⁻³ mm Hg). The measured
values of displacement along slip planes and grain
boundaries and the number of slip lines and grain
boundaries are tabulated, together with calculated values

Card 1/3

SOV/180-59-2-9/34

Study of the Deformation of Nickel During Creep

of the deformation. The measurements were carried out at 400, 600, 675, 700 and 800 °C, with stress values of 13 - 2 kg/mm². Figs 1, 2 and 3 show the average value of displacement along visible slip planes, number of slip lines and value of displacement along grain boundaries, respectively, as functions of time (hours) for 400 and 800 °C and stresses of 13 and 4 kg/mm² respectively, are shown in Fig 4. From the slope of the line (Fig 5) of logarithm of time to attain a given displacement value versus reciprocal of absolute temperature an activation energy for inter-grain displacement for 600 to 800 °C and a stress of 4 kg/mm² of 36 k.cal/mcl was calculated. Figs 6 and 7 show families of curves, for 400 and 800 °C, respectively, of total elongation and those due to slip within grains and at grain boundaries vs. time for various stresses. Fig 8 shows the difference between the total deformation and that accountable to these two effects related to total deformation as functions of time for 400 and 800 °C. The relation between displacement along grain boundaries and grain deformation for these two temperatures and various stresses is shown in

Card 2/3

SOV/180-59-2-9/34

Study of the Deformation of Nickel During Creep

Fig 9 to be linear. Figs 10 and 11 show photomicrographs of the nickel deformed under various conditions. The work showed that in the first stage of creep deformation of grains on account of visible slip lines takes place by way of increasing displacement along slip planes and multiplication of these planes; in the second stage multiplication of slip lines is the main factor.

Deformation due to grain-boundary displacement occurs throughout the creep time and plays an increasing part at higher temperatures and lower stresses. Certain boundaries can, depending on conditions, either hinder or stimulate deformation in grains. In addition to displacement processes associated with slip lines visible under a microscope and with grain boundaries, displacement occurs through microscopically invisible slip lines and crack

Card 3/3 formation. There are 11 figures, 1 table and 16 references, 5 of which are Soviet and 11 English.

SUBMITTED: December 6, 1958

LEVINA, G.Ya.; PREOBRAZHENSKAYA, N.V.

Severe forms of heliotropic dystrophy of the liver in children.
Trudy AN Tadzh.SSR 32:51-60 '56. (MIRA 9:8)

1. Iz kafedry detskikh bolezney (zav.prof. V.S.Vayl') Stalinabad-skogo gosudarstvennogo meditsinskogo instituta imeni Abuali ibn Siny.
(LIVER--DISEASES) (HELIOTROPE (PLANT)--PHYSIOLOGICAL EFFECT)
(ASITES)

PREOBRAZHENSKAYA, N.V., assistant

Light (nonascitic) forms of heliotropic dystrophy of the liver
in children. Trudy Tadzh. med. inst. 50:102-112 '61.

Ascitic forms of heliotropic toxicosis (heliotropic dystrophy
of the liver) in children. Ibid.:174-186 '61. (Mikro 17:8)

ISAGUILYANTS, V.I.; PSEOBRAZHENSKAYA, N.V.

Using the method of continuous alkylation of phenol by
 α -pinene in the synthesis of isobornylphenol. Khim. prom.
41 no.10:739-740 O '65. (MIRA 18:11)

AYZENMAN, B.Ye. [Aizenman, B.IU.]; SHVAYGER, M.O.; MANDRIK, T.P.;
BREDIKHINA, A.N. [Bredikhina, A.M.]; ORISHCHUK, L.F. [Oryshchuk, L.F.];
KOLESOVA, E.A. [Kolesova O.A.]; MISHENKOVA, Ye.L. [Mishenkova, O.L.];
GALKINA, T.A. [Halkina, T.O.]; ZAKHAROVA, I.Ya.; RASHBA, Ye.Ya.
[Rashba, O.IA.]; LAUSHNIK, G.M. [Laushnyk, H.M.];
PREOBRAZHENS'KA, N.Ye. [Preobrazhens'ka, N.IU.]

Effect of substances of bacterial origin on Ehrlich's carcinoma.
(MIRA 19:1)
Mikrobiol. zhur. 27 no.6:61-67 '65.

1. Institut mikrobiologii i virusologii AN UkrSSR.

PREOBRAZHENSKAYA, N.Ye. [Preobrazhens'ka, N.IU.]

Effect of imatin and -cetoimatin on the respiration of cells of
Staphylococcus aureus 209 and its UF-3 mutant in the presence of
amino acids. Mikrobiol. zhur. 25 no.1:28-32 '63. (MIRA 17:5)

1. Institut mikrobiologii AN UkrSSR.

PREGOBRAZHENSKAYA, O., inzh.

When will new standards and instruction manuals be published?
Mias.ind.SSSR 30 no.1:29 '59. (MIRA 12:4)

1. Vologodskiy sovnarkhoz.
(Meat--Standards)

PREOBRAZHENSKAYA, R.I., kand. tekhn. nauk.

Increasing the production of tanning liquors. Leg. prom. 16 no.8:
22-24 Ag '56. (MIRA 10:12)
(Tanning materials)

PREOBRAZHENSKAYA, R. I.

PREOBRAZHENSKAYA, R. I.- "Prospects for the Technical Development of the Manufacture of Oak Extract." Min of Higher Education USSR, Moscow Technological Inst of Light Industry imeni L. M. Kaganovich, Moscow, 1951 (Dissertations For Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

SARKISOVA, S.A., red.; PREOBRAZHENSKAYA, N.S., red.; ROGOV, A.A., red.;
SENCHILO, K.K., tekhn.red.

[Development of the central nervous system; ontogenesis and
phylogeny of the cortex and subcortical formations of the
brain] Razvitiye tsentral'noi nervnoi sistemy; ontogeneticheskaya i filo-
geneticheskaya kory i podkorkovykh obrazovanii golovnogo mozga. Pod
red. S.A.Sarkisova i N.S.Preobrazhenskoi. Moskva, Gos.izd-vo
med.lit-ry Medgiz, 1959. 226 p. (MIRA 12:8)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut mozga.
(BRAIN)

MINKINA, Ye.A. (Moskva); PREOBRAZHENSKAYA, N.V. (Moskva); ROZENBERG, V.M.
(Moskva)

Studying nickel deformation during creep. Izv. AN SSSR. Otd. tekhn.
nauk Met. i topl. no.2:48-55 Mr-Ap '59. (MIRA 12:6)
(Creep of metals) (Nickel--Testing)

PREOBRAZHENSAYA, N.Ye. [Preobrazhens'ka, N.IU.]

Imanin- and novoimanin-resistant variants of *Staphylococcus aureus*
209 and their endogenic respiration. *Mikrobiol.zhur.* 26 no.4:41-46
'64. (MIRA 18x10)

1. Institut mikrobiologii i virusologii AN UkrSSR.

GRINEVICH, K.P.; ODISHARIYA, S.N.; PREOBRAZHENSAYA, P.I.; BONDAR', Z.F.

Using organosilicon emulsions in the manufacture of equipment for
casting thermoplastics on gypsum models. Plast.massy no.5:39-40
(MIRA 15:4)
'62. (Silicon organic compounds) (Plastics)

PREOBRAZHENSKAYA, R.I., kand.tekhn.nauk; GLAMAZDA, V.P., inzh.

Mechanization of the handling of finished products in tanning
extract plants. Kozh.-obuv. prom. 2 no. 12:7-11 D '60.
(MIRA 14:1)

(Material handling) (Tanning materials)

FEDOROVICHENSKAYA, T.A.; SHNOV, S.I.

Effect of P₂O₅ on spore germination and mycelium growth in
Rhizopus nigricans. Biophizika 7 no.5:592-598 '62.
(MIRA 17:8)
1. Fizicheskiy fakultet Novosibirskogo gosudarstvennogo universi-
teta imeni Lomonosova.

EXCERPTA MEDICA Sec 11 Vol 12/11 O. R. L. Nov 52

1978. THE ELECTROMOTIVE FORCE OF RABBIT'S NASAL MUCOUS MEM-
BRANE IN NORMAL CONDITIONS AND IN EXPERIMENTAL RHINITIS
(Russian text) - Preobrazhenskaya T. N. Leningrad - VESTN. OTO-
RINO-LARING. 1959, 21/2 (23-29) Illus. 3

The measurement by the compensatory method of the electromotive force and histological investigation of the nasal mucous membrane was carried out in experiments on rabbits. In normal conditions the electromotive force is from 20 to 26 millivolts. In experimental rhinitis the electromotive force drops; its value changes in correspondence with the degree of the inflammatory process. At the height of inflammation the electromotive force averages 6-7 millivolts. In rhinitis, caused by cooling of distant portions of the skin, the drop of the electromotive force occurs earlier than the development of clinical and histological manifestations of the inflammatory process.

PRIOBRAZHENSKAYA, T.N., kand. med. nauk.

Electromotive force of the nasal mucosa in rabbits under normal conditions and in experimental rhinitis. Vest. otorin. 21 no.2:23-29 Mr-Ap '59.
(MIRA 12:4)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - chlen-korrespondent AMN SSSR prof. V.F. Undrits) I Leningradskogo meditsinskogo instituta.

(NASAL CAVITY, physiol.

electromotive force of mucosa in rabbits in normal cond.
& in rhinitis (Rus))

(RHINITIS, exper.
nasal mucosal electromotive force in rabbits (Rus))

PREOBRAZHENSKAYA, T.N., kand.med.nauk

Neurinoma of the accessory sinuses of the nose. Vest. otorin.
(MIRA 12:11)
20 no.2:121-122 Mr-Ap '58.

1. Iz kliniki bolezney nikha, gorla i nosa (zav. - chlen-
korrespondent AMN SSSR prof.V.F.Undrits) I Leningradskogo
meditsinskogo instituta.

(PARANASAL SINUSES, neoplasms
neurilemmoma (Rus))

(NEURILEMMOMA, case reports
paranasal sinuses (Rus))

PREOBRAZHENSKAYA, T.N.

DOLGACHEV, I.P.; *PREOBRAZHENSKAYA, T.N.*

Electric potentials of the nasal mucosa in man in normal and
pathological states. *Fiziol. zhur.* 40 no.1:34-38 Ja-# '54.
(MLRA 7:2)

1. Kafedra normal'noy fiziologii i Kafedra ushnykh, nosovykh i
gorlovykh bolezney I Leningradskogo meditsinskogo instituta im.
I.P.Pavlova. (Mucous membrane) (Nose) (Electrophysiology)

SABO, G. [Szabo, G.]; PREOBRAZHENSKAYA, T.P.

Characteristics of three strains of actinomycetes synthesizing
new antibiotics. Antibiotiki 7 no.4:312-317 Ap '62. (MIRA 15:3)

1. Otdel antibiotikov Instituta eksperimental'noy meditsiny
Vengerskoy AN, Debretsen i institut po izyskaniyu novykh
antibiotikov AMN SSSR.
(ACTINOMYCES) (ANTIBIOTICS)

KOCHETKOVA, G.V., kandidat biologicheskikh nauk; PREOBRAZHENSKAYA, T.P., kandidat biologicheskikh nauk.

Formation and role of antibiotics in the soil. Antibiotiki 6 no.5:3-18 '53.
(MLRA 6:11)
(Antibiotics) (Soil microorganisms)

PREOBRAZHENSKAYA, T.P.

*✓ Antivirubin, an antibiotic produced by *Ketinomycetes lotte* -
- eisporotuber, active against viruses. G. A. Trofimov, O. V.
- Gauze, T. P. Preobrazhenkaya, M. G. Buzunova, and Yu
- A. Sharova. Antibiotik I, No. 4, 0-13(1954).*

*Antivirubin (I), a new antibiotic, was discovered in the mycelia of the
actinomycetes. The optimal nutrient for its formation
consisted of media made of Hottinger's bouillon and glucose.
I was a bright-red pigment possessing dye properties and was
isolated in dry form, assaying 500 anti-staphylococcal units/
mg. I had selective activity against *Bacillus mycoides*, *Micro-
coccus pyogenes* var. *aureus*, and *B. subtilis*, and was weakly
active against *Escherichia coli* and *Candida albicans*. The
activity of I was only slightly diminished by blood serum
and was much more active under anaerobic conditions than
in the presence of O.*

Mel S

D. M. Chern

PL 200-1000

72. Formation of Antibiotic Colimycin

"Formation of Colimycin in Cultures of *Actinomyces fradiae* var. *spiralis*," by F. G. Gauze, G. V. Kochetkova, T. P. Preobrazhenskaya, and N. S. Pevzner, Institute of the Search for New Antibiotics, Academy of Medical Sciences USSR, Antibiotiki, Vol 1, No 5, Sep/Oct 56, pp 4-8

This work describes the culture of *Actinomyces fradiae* var. *spiralis* and the formation in the culture of colimycin, one of the neomycin group of antibiotics. Colimycin is now being successfully applied in the therapy of some of the diseases caused by gram-negative bacteria and pathogenic

staphylococci. The culture develops white and rose-color mycelia on synthetic media with inorganic nitrogen and starch. The rose-color mycelia are the more active producers of colimycin. The formation of colimycin in the culture is accompanied by the autolysis of the mycelia and a rise in the concentration of amine nitrogen in the medium. The addition of starch, glycerine, glucose, and furamic acid to the culture stimulates the formation of colimycin. Malic and lactic acids inhibit the formation of the antibiotic. (U)

SLM 1459

USSR/Virology - Bacterial Viruses (Phage).

E

Abs Jour : Ref Zhur Biol., No 6, 1959, 23781

Author : Gauze, G.F., Kochetkova, G.V., Preobrazhenskaya, T.P.,
Kudrina, Ye. S., Sveshnikova, N.A., Popova, O.L.

Inst : -
Title : Actinophages as Test-Objects in a Search for Anti-Virus
Antibiotics.

Orig Pub : Zh. gigiyeny, epidemiol., mikrobiol. i immunol., 1957,
1, No 1, 53-58

Abstract : The ability was studied of 1000 cultures of Actinomyces,
isolated from soils of various geographic locations, to
suppress four cultures of bacteria and six various Acti-
nophages, of which four were Polyphages. It was determi-
ned that about one-half of the tested Actinomyces are
able to suppress one or several Actinophages in the ex-
periment. Actinophages were suppressed by Actinomyces
with antibacterial activity as well as by Actinomyces

Card 1/2

PREOBRAZHENSKAYA T. P.

GAUSE, G.F.; KOCHETKOVA, G.V.; PREOBRAZHENSKAYA, T.P.; KUDRIKHA, E.S.;
SVESHNIKOVA, M.A.; POPOVA, O.L.

The use of actinophages in the search for antiviral antibiotics.
J. Hyg. Ebidem., Praha 1 no.1:63-69 1957.

1. Institute for Antibiotics Research of the Academy of Medical Sciences
of the U.S.S.R., Moscow.

(ACTINOMYCES,

actinophages, in research on antiviral antibiotics)
(ANTIBIOTICS,

antiviral, use of actinophages in research)

(BACTERIOPHAGE,

actinophage in research on antiviral antibiotics)

GAUZE, G.F.; PREOBRAZHENSKAYA, T.P.; KOVALENKOVA, V.K.; IL'ICHEVA, N.P.;
BRAZHNIKOVA, M.G.; LOMAKINA, N.N.; KOVSHAROVA, I.N.; SHORIN, V.A.;
KURAT, I.A.; SHAPOVALOVA, S.P.

Crystallomycin, a new antibacterial antibiotic [with summary in English]. Antibiotiki 2 no.6:9-14 H-D '57. (MIRA 11:2)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS, preparation of,
crystallomycin, prod. from Actinomyces violaceoniger (Rus))
(ACTINOMYCES
violaceoniger, prod. of antibiotic crystallomycin (Rus))

USSR/Virology - Bacterial Viruses (Phages)

E.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 85765

Author : Gauze, G.F., Kochetkova, G.V., Preobrazhenskaya, T.P.,
Kudrina, Ye.S., Sveshnikova, M.A., Popova, O.L.

Inst :

Title : Studies of the Suppressive Effects of Actinomycetes on
Actinophages.

Orig Pub : Mikrobiologiya, 1957, 26, No 6, 729-735

Abstract : Of 9 actinophages isolated from the soil only 2 were distinguished by specificity of action, while the others were polyvalent. Comparative studies of the antiphage and antibacterial activity of 1000 strains of Actinomycetes showed that of 546 strains which suppressed bacterial growth, 331 also suppressed actinophages (under conditions of interaction with a culture), and of 454 strains which did not suppress bacteria, 247 also suppressed actinophages. Of 578 cultures of Actinomycetes with

Card 1/2

- 3 -

BRAZHNKOVA, M.G.; USPENSKAYA, T.A.; SOKOLOVA, L.B.; PREOBRAZHENSAYA, T.P.;
GAUZE, G.F.; UKHOLINA, R.S.; SHORIN, V.A.; ROSSOLIMO, O.K.; VERTO-
GRADOVA, T.P.

New antiviral antibiotic heliomycin. Antibiotiki 3 no.2:29-34 Mr-Ap
'58. (MIRA 12:11)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS,

heliomycin, prep. from *Actinomyces flavochromogenes*
var. *heliomycini* & antiviral properties (Rus))
(ACTINOMYCES, metabolism,
flavochromogenes var. *heliomycini*, heliomycin syn-
thesis (Rus))

GUDZHABIDZE, G.Sh.; PREOBRAZHENSKAYA, T.P.

Effect of actinomycetes, fungi, and bacteria, isolated from soils irrigated with sewage, on Ascaris suum eggs. Med.paraz. i paraz.bol. 28 no.4:400-405 J1-Ag '59. (MIRA 12:12)

1. Iz Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev) i Instituta antibiotikov Akademii meditsinskikh nauk SSSR (dir. instituta - prof. S.D. Yudintsev).

(ASCARIS)

(SEWAGE microbiology)

(ACTINOMYCETES)

PREOBRAZHENSKAYA, T.P.; KUDRINA, Ye.S.; SVESHNIKOVA, M.A.; MAKSIMOVA, T.S.

Electron microscopy of spores in the systematics of actinomycetes.
Mikrobiologija 28 no.4:623-627 J1-Ag '59. (MIRA 12:12)

1. Institut po izyskaniyu novykh antibiotikov AMN.
(ACTINOMYCES)
(MICROSCOPY ELECTRON)

GAUZE, G.F.; PREOBRAZHENSKAYA, T.P.; IVANITSKAYA, L.P.; KOVALENKOVA, V.K.

Synthesis of a new antibiotic monomycin by *Actinomyces circulatus*
var. *monomycini* cultures. *Antibiotiki* 5 no.4:3-6 J1-Ag '60.
(MIRA 13:9)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIOBIOTICS) (ACTINOMYCES)

PRIOBRAZHENSKAYA, T.P.; KUDRINA, Ye.S.; MAKSIMOVA, T.S.; SVESHNIKOVA, M.A.;
BOYARSKAYA, R.V.

Electron-microscopic study of spores in various actinomycete species.
Mikrobiologija 29 no.1:51-55 Ja-F '60. (MIRA 13:5)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ACTINOMYCETES)
(MICROSCOPY ELECTRON)

PREOBRAZHENSKAYA, T.P.; KUDRINA, Ye.S.; SVESHNIKOVA, M.A.; MAKSIMOVA, T.S.

On diagnostic significance of varioys characters in classifying
representatives of the genus Actinomyces (Streptomyces). Mikro-
biologija 29 no.3:455-462 My-Je '60. (MIRA 13:7)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ACTINOMYCES)

SVESHNIKOVA, M.A.; KUDRINA, Ye.S.; MAKSIMOVA, T.S.; PREOBRAZHENSKAYA,
T.P.

Stability of physiological characters and their significance for
the systematics of actinomycetes. Mikrobiologija 29 no. 4:611-616
J1-Ag '60. (MIRA 13:10)

1. Institut po izyskaniyu novykh antibiotikov, AMN SSSR.
(ACTINOMYCETES) (BACTERIOLOGY—CLASSIFICATION)

PREOBRAZHENSKAYA, T.P.; MAKSIMOVA, T.S.; LUK'YANOVICH, V.M.; YEVKO, E.I.

Using carbon replica method for the electron microscopic
study of the surface of Actinomyces spores. Mikrobiologiya
34 no.3:519-523 My-že '65.

(MIRA 18:11)

J. Institut po izyskaniyu novykh antibiotikov Ministerstva
zdravookhraneniya SSSR,

GAUZE, G.F.; UKHOLINA, R.S.; PREOBRAZHENSKAYA, T.P.; KOVALENKOVA, V.K.;
GAVRILINA, G.V.; PAVLENKO, I.A.

Antibiotic 14725, a synergistic preparation from the estreogrycin
group. Antibiotiki 9 no.9: 809-814 S '64. (MIRA 19:1)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR, Moskva.

PREFOBRAZHENSKAYA, T.P.; MAKSIMOVA, T.S.; BLINOV, N.O.

Study of the green pigments of some actinomycetes species by
paper chromatography. Antibiotiki 9 no.11:963-970 N '64.
(MIRA 18:3)

I. Institut po izyskaniju novykh antibiotikov AMN SSSR i
Institut prirodnykh soyedineniy AN SSSR, Moskva.

KUDRINA, Ye.S.; PREOBRAZHENSKAYA, T.P.; SVESHNIKOVA, M.A.; MAKSIMOVA, T.S.

Comparative evaluation of various nutrient media for discovering
morphological and cultural characters of Actinomyces. Mikrobiolog-
giia 33 no.5:873-879 S-0 '64. (MIRA 18:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.